

University of Nebraska
College of Pharmacy Bulletin

Our VISION

A preeminent College of Pharmacy, a nationally and internationally recognized community of leaders, who are scientists, educators, practitioners and students, guided by the highest ethical standards, focused on advancing science, the education of pharmacists, other health professionals and graduate and post-graduate students, in order to improve human health.

Our MISSION

The Mission of the College of Pharmacy at the University of Nebraska Medical Center is to improve the health of Nebraska through premier educational programs for pharmacists, other health professionals and graduate and post-graduate students, conduct innovative research and provide highest quality patient care and outreach to underserved populations.

Our VALUES

The College of Pharmacy faculty embrace and are committed to the following values:

- Human health
- Excellence
- Leadership
- Innovation, assessment and continuous improvement
- Life-long learning
- Inclusiveness and communication
- Respect for individuals and their cultures
- Mentorship, and personal and professional development
- Empowerment and individual accountability
- The Mission of UNMC and the College of Pharmacy

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Notice to College of Pharmacy Bulletin Readers

The information contained in this Bulletin is subject to change at any time. It is intended to serve only as a general source of information about the College of Pharmacy and is in no way intended to state contractual terms.

Additional Information

For more information about the University of Nebraska College of Pharmacy and its professional program, please see our website at <http://www.unmc.edu/pharmacy>

Additional information about UNMC for current and prospective students is available at the following addresses:

- University of Nebraska Medical Center website www.unmc.edu
- UNMC Student Website <http://www.unmc.edu/student-services/>
- UNMC Student Handbook <http://www.unmc.edu/student-services/documents/handbook.pdf>

Organization and Administration of the
University of Nebraska

The Board of Regents - <http://nebraska.edu/board/board-members.html>

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University-Wide Administration

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University of Nebraska Medical Center Administration

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J. MICHAEL LEIBOWITZ, Ph.D., Director, Munroe-Meyer Institute
KENNETH H. COWAN, M.D., Ph.D., Director, Eppley Institute for Research in Cancer

The University of Nebraska

Founded in 1869, the University of Nebraska is one of the major institutions of public higher education in mid-America. On its Lincoln and Omaha campuses, it serves approximately 40,000 students. The University's classes began September 7, 1871, in the original building, University Hall, which was located on the edge of the then new Nebraska capital village of Lincoln. Despite deep economic difficulties and disputes over policy, the University survived its early years and by 1886 had inaugurated the first program in graduate education west of the Mississippi. In 1908 it received membership in the prestigious Association of American Universities, evidence of the high quality of its efforts in teaching and research.

Today, the University of Nebraska is composed of four major subdivisions: the University of Nebraska–Lincoln (UNL), the University of Nebraska at Omaha (UNO), the University of Nebraska at Kearney (UNK), and the University of Nebraska Medical Center (UNMC). Each of the four major subdivisions is led by a Chancellor who reports to a University-wide President who is ultimately responsible to the Board of Regents, which consists of eight representatives elected from designated regions of the state and four non-voting student regents.

The University of Nebraska Medical Center

The University of Nebraska Medical Center, located on more than 85 acres in central Omaha, is the hub of a complex and diversified medical community. The Center is composed of the Colleges of Medicine including the College of Allied Health Professions, Nursing, Pharmacy, Public Health, Graduate Studies, Nebraska Medicine, the Eppley Institute for Research in Cancer, the Monroe-Meyer Rehabilitation Institute, the Durham Outpatient Center, the Lied Transplant Center, and the Durham Research Centers. The College of Dentistry is administratively within the Medical Center even though the building is on the East Campus of the University of Nebraska–Lincoln.

The College of Pharmacy

Instruction in pharmacy at the University of Nebraska began in 1908 when the Board of Regents established the School of Pharmacy as a part of the College of Medicine. In 1915 the Nebraska Legislature created the College of Pharmacy as an independent college of the University, located on the Lincoln campus. In September of 1976, the college moved into new facilities on the Medical Center campus and began a Doctor of Pharmacy professional degree program, the third college in the United States to do so. The College does not offer a baccalaureate degree in pharmacy. The College's Doctor of Pharmacy Program was granted continued accreditation by the Accreditation Council on Pharmacy Education through June, 2021.

The objectives of the College of Pharmacy are to prepare its graduates to assume the intellectual, legal, civic, and moral responsibilities of the profession of pharmacy in the delivery of patient care. The following paragraphs describe those responsibilities and attributes important to the practice of pharmacy.

The pharmacist is responsible for drug therapy and drug distribution and must possess the scientific and technical knowledge necessary to evaluate drug therapy for each individual patient. Equally important is the need for developing skill in personal relations with patients and members of other health professions.

The pharmacist must be qualified to assume the special responsibilities of instructing and supervising students and interns. They must show a keen interest in the affairs of the world about them, and share the benefits of special talents or abilities with fellow citizens. Above all, they must be able to make good use of acquired knowledge and experience in arriving at sound judgments and policy decisions. The pharmacist is legally authorized and responsible for the purchase, storage, processing, and dispensing of drugs. They recognize the responsibility that rests upon them by virtue of these special privileges, and understand that all legal controls provided by statute and regulation exist for the sole

purpose of safeguarding the public health. Accordingly, full responsibility is accepted for strict compliance with the federal, state, and local laws and regulations dealing with the distribution of medicinal products.

The civic responsibilities of pharmacists are many. Not only must pharmacists be good citizens, but they must be active in civic and community affairs. They must provide leadership in public health education and in civil defense activities and participate actively in the affairs of organizations having charitable, educational, religious, and cultural functions. They must be qualified to serve either in or in cooperation with local or city government in solving community problems. They should inspire young people to enter the profession of pharmacy, thus assuring the community of continued pharmaceutical service.

The moral responsibilities include those obligations not necessarily defined by statute or regulations that have been established through long tradition and common practice. Foremost among these is the principle that every motivation and every act of the pharmacist must be in the interest of the public. The ethical relationship with the members of the health care team, capacity as a consultant to the public, constant availability for the dispensing of important drugs in time of emergency, and charitable services to the needy represent but a few examples of necessary dedication to the health, welfare, and safety of the public. Such dedication is not acquired through accident; it is, rather, the result of a systematic inculcation of the highest ethical and moral standards throughout the entire curriculum of the College of Pharmacy.

In addition to the Pharm.D. degree program, Nebraska Medicine and College of Pharmacy faculty offer advanced professional education through an accredited residency program. Graduate education in the pharmaceutical sciences at the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) levels is offered through the Pharmaceutical Sciences Graduate Program. (See Graduate College section and the Graduate College Bulletin of the University of Nebraska Medical Center at <http://www.unmc.edu/gradstudies/>).

The College of Pharmacy actively seeks to fulfill the goals of the University through its professional doctoral and graduate programs. As one of the major academic units of UNMC, it participates in the patient care, research, and community service programs.



UNMC COLLEGE OF PHARMACY – TECHNICAL STANDARDS:

A primary mission of the College of Pharmacy is to prepare outstanding pharmacists to meet the health care needs of the state and society. The College expects that during enrollment in the program, students will be able to attain the core competencies delineated in our Doctor of Pharmacy Program Learning Outcomes & Competencies document. In addition, students must be able to meet the Technical Standards that follow with or without reasonable accommodations. Reasonable education-related accommodations will be provided, where possible and within federal and University of Nebraska guidelines.

The professional program leading to the Doctor of Pharmacy degree and eligibility for pharmacist licensure requires a certain level of cognitive, behavioral and technical skill and ability, and personal and professional integrity inherent in a professional education. These principles hold for admission, progression, retention and completion of the program.

The College of Pharmacy has a responsibility to maintain as safe an environment as possible for its students and the practice settings in which they receive education. Student pharmacists must reasonably contribute to a safe environment through their personal, physical, and mental health or social behavior.

Students must complete the academic program in a reasonable length of time, must be able to acquire a pharmacist intern license during their first semester in the College and maintain the pharmacist intern license during their educational program, and must be eligible for a pharmacist license after they complete the Doctor of Pharmacy program.

Observation Skills:

Observation necessitates the use of visual, auditory and somatic senses, with reasonable accommodation if necessary. Students must have the ability to observe and evaluate, in classrooms and patient care areas, demonstrations, experiments and patients, including performing physical assessments. The ability to observe the quality of pre-manufactured and compounded medications is essential.

Communication Skills:

As appropriate for each stage of their education, student pharmacists must communicate effectively and efficiently in oral and written English; and have the proper use and recognition of nonverbal communication cues, with reasonable accommodation if necessary. They must be capable of completing professional communication activities in a timely manner.

Motor Skills:

Student pharmacists must have the coordination of muscular movement with accommodation if necessary to undertake the preparation of all routine forms of medication orders, the use of diagnostic equipment for patient assessment, and the direct delivery of patient therapies.

Intellectual, Conceptual, Integrative & Quantitative Abilities:

As appropriate for each stage of their education, student pharmacists must demonstrate a fundamental and continuing ability to use analytical reasoning to independently, and in collaboration with a health care team synthesize knowledge, solve problems and explain health care situations. Information must be obtained, retrieved, evaluated and delivered in an efficient and timely manner. Students must be able to demonstrate good judgment in patient care and assessment and have the ability to incorporate new and changing information obtained from the practice environment.

Behavioral & Social Attributes:

Students must exercise good judgment, behave in a professional and ethical manner and maintain professional appearance. Students must complete patient care responsibilities promptly and safely and must relate to others with courtesy, compassion, maturity, and respect for their dignity. Students must be able to adapt to changing environments, to display flexibility and learn to function in the face of uncertainties inherent in clinical situations. Students must be able to effectively function individually and in teams in situations of emotional and physical stress. Students are expected to attend and arrive punctually for each educational component, including laboratory and clinical experiences. Student behavior in the classroom is expected to adhere to professional standards and contribute in a positive way to the learning process. Students must be able to modify their behavior in response to constructive criticism. This requires responsibility for personal action and emotional stability under the stressful conditions which may come from their professional education.

Individuals with questions or concerns about their ability to meet these standards are encouraged to contact the Associate Dean for Student Affairs.

University of Nebraska Medical Center College of Pharmacy
Policy and Procedure on Student Complaints Concerning Violation of Accreditation Council for Pharmacy Education (ACPE) Accreditation Standards:

The Accreditation Council for Pharmacy Education (ACPE) is the agency that oversees the accreditation of U.S. colleges and schools of pharmacy. The Council requires each college or school of pharmacy to have a policy for handling student complaints in cases where such schools or colleges are alleged to be in violation of ACPE Accreditation Standards. This policy governs only those instances where students allege that one or more ACPE Standards have been violated (the standards are available at www.acpe-accredit.org).

Policy

The faculty, staff and administration of the University of Nebraska Medical Center College of Pharmacy (hereinafter referred to as "College") are committed to maintaining a pharmacy education program that meets and exceeds ACPE Accreditation Standards. In addition to a commitment to correct those areas where ACPE Standards are not being met, the College encourages student participation in assuring adherence to the Standards.

Students are encouraged to express and discuss concerns they have about the College's adherence to ACPE Accreditation Standards. When a student (or group of students) desires to file a formal complaint regarding adherence to an ACPE Standard(s), the following procedure is to be followed.

Procedure

Student(s) alleging that the College is not adhering to ACPE Standards must present their complaint(s) in writing. Complaints must identify the specific standard(s), description of the violation, and evidence to support the complaint.

Written complaints should be submitted to the College Associate Dean for Student Affairs.

The Associate Dean for Student Affairs will investigate the complaint and provide a report to the Dean and to the College Executive Committee.

The Dean, with the input of Executive Committee, will make a determination of the validity of the complaint, determine the appropriate course of action, and provide a written response to the student (or students) making the complaint.

Complaints and responses that are determined to be of a substantive nature with regard to accreditation matters will be shared with the College faculty and student body.

If the student filing the complaint is not satisfied with the response provided by the College, he/she may contact ACPE at 135 S. LaSalle Street, Suite 4100, Chicago, IL 60603-4810, (312) 664-3575 or www.acpe-accredit.org/complaints.

The Associate Dean for Student Affairs will maintain a complete file of all written complaints received about the College's adherence to ACPE accreditation standards and their disposition. ACPE will have access to this information as part of the routine accreditation review process.

Approved: January 30, 2006
REV: June 2012

Learning Facilities

The College of Pharmacy building on the Medical Center campus was completed in October of 1976 and houses laboratories for education and research, an auditorium, a large classroom, smaller class and seminar rooms, faculty offices, and the administrative offices of the dean and staff. The facilities for clinical education are located on campus in Nebraska Medicine, the Durham Outpatient Center, the Meyer Rehabilitation Institute, the Lied Transplant Center, and the Durham Research Center. The hospital provides decentralized clinical pharmacy services and a diverse patient population to insure quality clinical education. Additional educational sites are located in community pharmacies, hospitals, clinics, mental health facilities and long term care facilities across the State of Nebraska and the entire country.

Library resources are provided through the [McGoogan Library of Medicine](#) which is located in Wittson Hall on the Medical Center campus.

Graduate College

The Graduate College of the University of Nebraska operates system-wide programs administratively located on each of the four major campuses. Graduate programs in the health sciences are offered at the University of Nebraska Medical Center (UNMC) in Omaha, Nebraska. Please visit <http://www.unmc.edu/gradstudies/> for additional information.

UNMC College of Pharmacy – Pre-Pharmacy Curriculum
 Revised 11-12-2014 - Update effective for students entering Fall 2016

I. Chemical and Physical Sciences (Minimum 27 Semester Hours)	
General Chemistry w/Lab	(Minimum) 8 Sem Hours
Organic Chemistry w/Lab	(Minimum) 8 Sem Hours
Biochemistry	3 Sem Hours
Quantitative Chemical Analysis	0-41 Sem Hours
Physics w/Lab	4-81 Sem Hours
1Students may choose 1 semester (4 hours) of Quantitative Chemical Analysis + 1 semester (4 hours) of Physics or 2 semesters (8 hours) of Physics	
II. Biological Science (Minimum 12 Semester Hours)	
Biological/Life Sciences w/Lab	(Minimum) 4 Sem Hours
Anatomy ²	4 Sem Hours
Physiology ²	4 Sem Hours
2Must be completed at a 4-year college or university. May be a combined two semester Anatomy & Physiology Course.	
III. Oral and Written Communication (Minimum 9 Semester Hours)	
English Composition I	3 Sem Hours
English Composition II	3 Sem Hours
Speech	3 Sem Hours
IV. Analytical Sciences (Minimum 7 Semester Hours)	
Calculus I	(Minimum) 4 Sem Hours
Statistics /or Biostatistics	3 Sem Hours

V. General Education (Minimum 9 Semester Hours)
 May include additional courses from the areas listed in Section I-IV or from any area listed below: Accounting, Business Administration/Management, Critical Thinking, Economics, Education, Ethics, Fine Arts (Art, Music), Foreign Languages, Gerontology, History, Humanities, Literature, Philosophy, Political Science, Psychology, Sociology.

TOTAL PROGRAM (Minimum) 64 Semester Hours

NOTE: Approval of prerequisite courses is determined by the Associate Dean for Student Affairs and the Admissions Committee on an individual basis after all necessary information is submitted. Credits must be earned at a fully accredited institution of higher learning. Credits not considered applicable include: 1) those graded less than "C", "I" (incomplete), "W" (withdrawal), or audit; 2) those completed but not given for credit; 3) activity courses in physical education.

ADVANCED PLACEMENT: AP credit will be accepted toward prerequisite requirements if listed on a transcript from a fully accredited undergraduate institution.

CLEP: A maximum of 24 pre-pharmacy credit hours may be accepted by the College of Pharmacy through CLEP subject or general examinations. Minimum scale scores are available upon request from the UNMC Office of Academic Records. In the required course areas of the pre-pharmacy program, the College of Pharmacy will not accept CLEP hours in the following subject examination areas: Organic Chemistry, Calculus, or Statistics; 4 of the Required Biological/Life Science Hours or General Chemistry Hours; 3 of the Required English Composition Hours

Application Procedure

University of Nebraska College of Pharmacy
Pharm.D. Application Process and Instructions (2015-2016)

Application Deadline: The PharmCAS and UNMC Supplemental Application due dates are January 5, 2016 and February 15, 2016, respectively.

Rolling Admissions: The College of Pharmacy utilizes a 'rolling admissions' process. [Review of complete applications will begin in September. Selected applicants are invited for interview and admissions decisions will be made on a continual basis, starting in December, until the class is filled \(by April\). Students are encouraged to apply early to ensure themselves the best opportunity for acceptance.](#) Keep in mind that rolling admissions means that seats fill early and those who wait until the application deadline risk many seats already being filled.

Application Process:

Step 1: Complete PharmCAS Application by January 5, 2016

- PCAT Scores required – see <https://tpc-etesting.com/pcat/Default.aspx> for test dates (July test dates recommended)

Step 2: Complete UNMC Supplemental Application by February 15, 2016

Step 3: Complete Interview at UNMC upon invitation

Step 4: Complete PharmCAS Academic Update (December-February)

Step 5: Admissions Decision and Requirements

Step 1 – PharmCAS Application: Submit an online application through PharmCAS (www.PharmCAS.org). Detailed instructions are available on the PharmCAS site for submission of your application, transcripts, recommendation letters and PCAT scores. All requested materials should be submitted directly to PharmCAS. **Please note that PharmCAS requires 4-6 weeks for verification purposes before an application is forwarded to individual colleges of pharmacy.** Log into your PharmCAS account regularly to verify all materials were received. Without a verified PharmCAS application, PharmCAS will not release your file to UNMC and you cannot be considered for admission to our program.

Step 2 – UNMC Supplemental Application: Applicants cannot be considered without online submission of a UNMC Supplemental Application (Personal Questionnaire, Prerequisite Worksheet, ACT scores (UNMC Code = 2487), and \$45 Fee). The Personal Questionnaire may be reviewed at: http://net.unmc.edu/apply/phar_sup.asp, however, the actual online Supplemental Application is not made available to applicants until the college receives their verified application from PharmCAS. [Following receipt of your verified application from PharmCAS, we will send access and completion instructions via e-mail.](#)

Step 3 – Interview: When your application is complete (Steps 1 & 2), your file will be evaluated by the UNMC College of Pharmacy Admissions Committee. An on-site personal interview is required to enable us to further assess your communication skills. Only competitive applicants are invited for interview. [We begin scheduling interviews as early as November-December and continue offering interviews on a regular basis into early 2016. Candidates will be notified as early as possible of potential interview dates and will be invited to tour the UNMC campus in addition to meeting and interacting with College of Pharmacy faculty and students.](#)

Step 4 – PharmCAS 'Academic Update': After initial submission of your PharmCAS application, you may need to update your college course history to reflect newly completed or planned / in-progress courses. You can update your courses on-line after the fall semester using the PharmCAS "Academic Update" window. The Academic Update window will open in mid-December, 2015, following the completion of the fall 2015 term, and close in mid-February, 2016. For verification of these updates, [it is important to arrange for your official summer and fall 2015 transcripts to be sent directly to PharmCAS as soon as they are available.](#)

Step 5 – Admission Decision and Requirements: The Admissions Committee works to make and communicate admissions decisions as soon as possible after your interview ... specific timing will be announced as part of your interview 'program'. [Students will be notified of their admission decision via email within several weeks or several months after their interview date, given the 'rolling admissions process'.](#) All admitted students will be 'conditionally admitted' until they have met several requirements (PharmCAS Background Check, Final Transcript Submission, etc). Students offered admission will be required to submit a non-refundable deposit of \$500 to hold their seat in our program. This deposit will be credited toward the student's first semester tuition.

Residency Requirements

<http://www.unmc.edu/student-services/academic-records/residency.html>

If you have questions, you can email studentservices@unmc.edu or phone at (402) 559-4199.

Non-Resident Tuition Scholarships that waive much of the difference between resident and nonresident tuition are available.

Transfer of Credits

The applicability of transferred credits to entrance and degree requirements is determined by the Associate Dean of the College and/or Admissions Committee on an individual basis after all necessary information is submitted. Credits must be earned at a fully accredited institution of higher learning.

Courses not considered applicable include:

those graded less than "C", "I" (incomplete), "W" (withdrawal), or audit.

those completed but not given for credit.

those that are remedial in nature.

activity courses in physical education.

EARLY ACCEPTANCE PROGRAMS

Rural Health Opportunities Program

The Rural Health Opportunities Program (RHOP) is a cooperative venture of the University of Nebraska Medical Center (UNMC), Chadron State College (CSC), Peru State College (PSC) and Wayne State College (WSC). RHOP was designed for rural Nebraska high school students, interested in returning to rural areas to practice pharmacy, and who intend to apply for admission to CSC, PSC or WSC as pre-pharmacy majors. Through the RHOP program, students obtain early acceptance into the pharmacy program contingent upon satisfactory completion of the three-year pre-pharmacy program at CSC, PSC or WSC. Students must meet minimum GPA requirements in accordance with individual school policy. In addition, students admitted through RHOP must participate in the special clerkship program for rural students during their final professional year. Students will be chosen based on academic potential (including SAT or ACT scores), commitment to practicing in rural Nebraska, county or city of residence (rural communities of less than 10,000), pharmacy exposure, extra-curricular activities and interviews with faculty at CSC, PSC or WSC and UNMC's College of Pharmacy. Students interested in this program should talk with their high school career counselor or contact the Associate Dean for Student Affairs at the UNMC College of Pharmacy. A maximum of three students per state college may be accepted annually.

Rural Pharmacy Practice Educational Initiative

Students who are residents of Nebraska and have demonstrated outstanding scholarship during the first year or second year of their pre-pharmacy program at a rural college institution (outside Omaha and Lincoln) may be eligible to apply for early acceptance to the College of Pharmacy through the Rural Pharmacy Practice Educational Initiative (RPPEI). Early acceptance status may be granted to a maximum of five applicants each year who are residents of Nebraska with a cumulative GPA of at least 3.25 and a science GPA of 3.50 for the first or second year of their pre-pharmacy program, and who have been nominated by their pre-pharmacy advisor. Successful applicants must complete the remainder of the pre-pharmacy program at their current institutions, and if academic performance is maintained, will be guaranteed admission to the College of Pharmacy for the following year. Under the RPPEI program, admission priority will be given to individuals who, in addition to the above criteria, are from rural Nebraska counties (populations of 25,000 or less), and who have a stated commitment to return to rural Nebraska to practice. Applications are encouraged from students in those public and private institutions located in rural Nebraska counties. Further information may be obtained from pre-pharmacy advisors or by writing to the Associate Dean for Student Affairs of the UNMC College of Pharmacy.

Kearney Health Opportunities Program (KHOP)

The Kearney Health Opportunities Program (KHOP) is a cooperative program between the University of Nebraska at Kearney (UNK) and the University of Nebraska Medical Center (UNMC). The purpose of the program is to recruit and educate students from rural Nebraska who are committed to returning to rural Nebraska to practice healthcare. This program represents a commitment and dedication to the education of Nebraskans and quality health care for citizens of the state. Selection criteria and procedures are the same as those for RHOP and up to three (3) students per year may be chosen as participants.

COURSE OF STUDY

REQUIREMENTS FOR GRADUATION

First Three Years (includes 10 hours of Professional Electives)	108	Semester Hours
Introductory Pharmacy Practice Experience (IPPE) (includes 300 clock hours)	7.5	Semester Hours
Advanced Pharmacy Practice Experience (APPE) (includes 1600 clock hours)	40	Semester Hours
TOTAL SEMESTER HOURS	155.50	Semester Hours

First Year (P1)

<i>First Semester</i>			<i>Second Semester</i>		
PAMM 690	Biology of Disease	5	CLS 552	Application of Clinical Medical Microbiology & Immunology	1
PHPR 550	Legal and Ethical Principles I	2	PAMM 509	Immunology	2
PHPR 560	Pharmacy & Health Care	3	PAMM 550	Microbiology	3
PHPR 562	Introduction to Drug Information	2	PHPR 502	Aseptic Technique	1
PHPR 552	Pharmaceutical Care I	2	PHPR 556	Pharmaceutical Care II	2
PHSC 550	Introduction to Pharmaceutical Sciences	4	PHPR 572	Introduction to Contemporary Compounding	1
			PHSC 520	Pharmaceutical Biotechnology	3
			PHSC 570	Pharmaceutical Sciences I	4
		<u>18</u>			<u>17</u>

Second Year (P2)

<i>Third Semester</i>			<i>Fourth Semester</i>		
PHAR 680	Pharmacology I	5	PHAR 682	Pharmacology II	4
PHPR 659	Pharmacy-Based Immunization Delivery	0.5	PHPR 674	Pharmacotherapy II	7
PHPR 672	Pharmacotherapy I	5.5	PHSC 628	Medicinal Chem II	3
PHSC 626	Medicinal Chem I	4	PHSC 672	Pharmaceutical Sciences III	3
PHSC 670	Pharmaceutical Sciences II	3			
		<u>18</u>			<u>17</u>

Third Year (P3)

<i>Fifth Semester</i>			<i>Sixth Semester</i>		
PHPR 662	Pharmacy Practice Management	3	PHPR 554	Professional Development (completed P1-P3 years)	3
PHPR 622	Drug Literature Evaluation & Research Methods	3	PHPR 650	Legal and Ethical Principles II	2
PHPR 676	Pharmacotherapy III	8.5	PHPR 678	Pharmacotherapy IV	8.5
	Professional Electives	3		Professional Electives	7
		<u>17.5</u>			<u>20.5</u>

Introductory Pharmacy Practice Experience (P1, P2 & P3)

PHPR 602	Community Pharmacy Clerkship	3	Completed in Summer prior to P2 Year
PHPR 604	Institutional Pharmacy Clerkship	3	Completed in Summer prior to P3 Year
PHPR 606	Drug Information Clerkship	0.5	Completed in P3 Year (May-March)
PHPR 608	Patient Care Activities	1	Completed in P1, P2 and P3 Years
		<u>7.5</u>	

FOURTH YEAR (P4)

40 weeks of required and elective advanced pharmacy practice experiences = 40 Semester Hours

REQUIRED UNITS (6 rotations)	SEM HRS	WKS	CLOCK HOURS
1. Acute Care Level I	4	4	160
2. Acute Care Level II	4	4	160
3. Hospital/Health System or additional Acute I or II	4	4	160
4. Ambulatory Care Level I	4	4	160
5. Ambulatory Care Level II	4	4	160
6. Community Pharmacy	4	4	160
ELECTIVE UNITS (4 rotations)	16	16	640
TOTAL APPE HOURS	40	40	1600

Acute Care Level I Options

- PHPR 720 Acute 1 Pediatrics APPE
- PHPR 721 Acute 1 Internal Med – Family Med APPE
- PHPR 724 Acute 1 Internal Med – General APPE
- PHPR 726 Acute 1 Psychiatric Pharmacy APPE
- PHPR 728 Acute 1 Internal Med – Neurology APPE
- PHPR 729 Acute 1 Institutional Care APPE

Acute Care Level II Options

- PHPR 730 Acute 2 Cardiology APPE
- PHPR 731 Acute 2 Critical Care APPE
- PHPR 732 Acute 2 Infectious Disease APPE
- PHPR 733 Acute 2 Adult Oncology APPE
- PHPR 734 Acute 2 Nephrology APPE
- PHPR 735 Acute 2 Solid Organ Transplant APPE
- PHPR 736 Acute 2 Pediatrics APPE
- PHPR 737 Acute 2 Cardiology Heart Failure APPE
- PHPR 738 Acute 2 Emergency Services APPE
- PHPR 739 Acute 2 Inpatient Antithrombotic Therapy Services APPE
- PHPR 747 Acute 2 Geriatrics APPE
- PHPR 749 Acute 2 Burn & Wound Care APPE

Hospital / Health System Options

- PHPR 710 H/HSP Institutional Pharmacy APPE
- PHPR 717 H/HSP Geriatric APPE

Ambulatory Care Level I Options

- PHPR 750 Amb 1 Adult Medicine APPE
- PHPR 751 Amb 1 Family Medicine APPE
- PHPR 752 Amb 1 Geriatric Medicine APPE

Ambulatory Care Level II Options

- PHPR 760 Amb 2 Adult Medicine APPE
- PHPR 761 Amb 2 Family Medicine APPE
- PHPR 766 Amb 2 Geriatric Medicine APPE TNMC

Community Pharmacy Options

- PHPR 700 Community APPE

Elective Options

All required APPE's may also be taken as Electives.

- PHPR 701 Elective Community
- PHPR 780 Elective Drug Information APPE
- PHPR 781 Elective Managed Care Pharmacy APPE
- PHPR 783 Elective Drug Utilization Review APPE
- PHPR 784 Elective Nuclear Pharmacy APPE
- PHPR 786 Elective Long Term Care Pharmacy APPE
- PHPR 788 Elective Clinical Research APPE
- PHPR 792 Elective Veterinary Pharmacy APPE
- PHPR 793 Elective Pharmacy Management APPE
- PHPR 795 Elective Pharmacy Practice Research
- PHPR 796 Elective Pharmacy Regulation
- PHPR 797 Elective Specialty Pharmacy
- PHPR 798 Elective International Studies – China / Belize
- PHPR 799 Elective Special Circumstance

CLOCK HOURS OF EXPERIENTIAL EDUCATION	
Introductory Pharmacy Practice Experience (IPPE)	300
Advanced Pharmacy Practice Experience (APPE)	1600
TOTAL CLOCK HOURS	1900

Requirements for Graduation

The requirements for the Pharm.D. degree include the successful completion of 243 semester hours of prerequisites, required courses, and professional and general electives offered by and/or approved by the College of Pharmacy. The minimum accumulative grade point average required for graduation is 2.0.

Each student who expects to receive a degree must file an application of candidacy for the diploma in the Academic Records Office, University of Nebraska Medical Center. Announcements about the deadline dates are posted on the website. It is the responsibility of the student to inform the Academic Records Office of graduation plans including address, the manner in which requirements are being completed (such as by correspondence, clearance of Incompletes, special examination, etc.), and any revision of such plans. It is the responsibility of each student to see that these requirements are met during the period of attendance in the College. Failure to meet these stipulations may necessitate postponement of graduation until the next semester or summer session.

Descriptions of Required and Elective Courses by Department (Subject to Change)

Department of Pharmaceutical Sciences (PHSC)

Required Courses

520 Pharmaceutical Biotechnology (3) Li.

Prereq: P-1 standing. An in-depth understanding of topics in Biochemistry of particular interest to the first year Pharm.D. students.

550 Introduction to Pharmaceutical Sciences (4) Wang.

Prereq: P-1 standing or permission. Introduction to drug properties, pharmaceutical terminology, drug information, basic clinical skills, principles of chemical kinetics and stability, and acid/base chemistry of drug molecules.

570 Pharmaceutical Sciences I (4) Bronich

Prereq: P-1 standing or permission. Application of physical pharmacy principles to the development, manufacture, and testing of drug delivery systems, and the influence of physiological factors on the absorption of drugs. The laboratory introduces extemporaneous compounding and the professional aspects of dispensing.

626 Medicinal Chemistry I (3) Marky.

Prereq: P-2 Standing or permission. Study of the chemistry, physicochemical properties and relationships between structure and pharmacological activities of organic and inorganic medicinal agents.

628 Medicinal Chemistry II (3) Vennerstrom.

Prereq: PHSC 626 (826). Continuation of PHSC 626.

670 Pharmaceutical Sciences II (3) Oupicky.

Prereq: P-2 standing or permission. Basic principles and concepts of biopharmaceutics, pharmacokinetics, and pharmacodynamics that affect the absorption, distribution, metabolism, elimination and action of drugs in the body.

672 Pharmaceutical Sciences III (3) Alnouti.

Prereq: P-2 standing or permission. Continuation of PHSC 670

Elective Courses

697 Independent Study in Pharmaceutical Sciences (1-3, per semester) Staff.

Prereq: Permission. Introduction to research involving library, written analysis, data analysis, and/or laboratory study of individually assigned problems.

699 Research in Pharmaceutical Sciences (1-3, per semester) Staff.
Prereq: Permission. Basic or applied laboratory research for students.

Department of Pharmacy Practice (PHPR)

Introductory Pharmacy Practice Experience

602 Community Pharmacy Clerkship (2) Staff.

Prereq: P-2 or P-3 standing, and completion of the EPE Shadowing Experience. Introductory experiential training in a community pharmacy setting.

604 Institutional Pharmacy Clerkship (1.5) Staff.

Prereq: P-2 or P-3 standing, and completion of the EPE Shadowing Experience, and PHPR 502. Introductory experiential training in institutional practice.

606 Drug Information Clerkship (0.5) Staff.

Prereq: P-2 or P-3 standing, and completion of the EPE Shadowing Experience. Introductory experiential training in drug information

608 Patient Care Activities Clerkship (1) Staff.

Prereq: P1, P-2 or P-3 standing, and registration as a Pharmacist Intern with the Nebraska Department of Health and Human Services, Regulation and Licensure. Introductory experiential patient care opportunities in a variety of practice settings

Required Courses

502 Principles of Aseptic Technique (1) Krobot.

Prereq: P-1 standing. Introduction to the theory and practices that assure safety and efficacy in the compounding and dispensing of parenteral products.

552 Pharmaceutical Care I (2) Sobeski.

Prereq: P-1 standing or permission. Basic competencies and skills needed to function as a health care provider and as a member of a health-care team.

554 Professional Development (1) Dering-Anderson/Yee. Seminar/Workshop 2.

Prereq: P-1 standing or permission. Development of professional knowledge and attitudes, general abilities, and professional competencies through professional development seminars, lectures, and workshops.

556 Pharmaceutical Care II (2) Dobesh/Shaffer.

Prereq: PHPR 552. The Pharmaceutical II course expands upon the elements provided in the Pharmaceutical I course, providing the student with additional communication, drug information, and problem solving skills. In addition, students will be focus on physical assessment skills needed to assess pharmacologic treatment of patients

560 Pharmacy and Health Care (3) Cochran.

Prereq: P-1 standing or permission. Study of the economic, social, political, structural, professional, and consumer factors affecting the delivery of health care services and pharmacy practice.

562 Introduction to Drug Information (2) Schmidt/Podany.

Prereq: P-1 standing or permission. An introduction to drug information library resources and access to these resources.

572 Intro to Contemporary Compounding (1) Ridgway

Prereq: PHSC 550. This laboratory course reviews pharmaceutical compounding facilities, equipment, principles and regulations.

622 Drug Literature Evaluation and Research Methods (3) Yee.

Prereq: P-3 standing or permission. Study of drug literature evaluation and research methods with the emphasis on access and retrieval of drug information, critical evaluation of the information, and application to clinical practice.

550/ Legal and Ethical Principles I & II (550 – 2 / 660 - 2) Krobot.

650 Prereq: 550 P1 Standing or permission/ 660 P-3 standing or permission. Study of the statutes, regulations, and ethical principles governing the practice of pharmacy and the process of ethical decision-making.

662 Pharmacy Practice Management (3) Klepser.

Prereq: PHPR 560. Principles of management and their application in professional practice and the operation of a pharmacy.

672 Pharmacotherapy I (5.5) Collier/Staff.

Prereq: P-2 standing for Pharmacotherapy I. P-2 standing and successful completion of Pharmacotherapy I for Pharmacotherapy II. P-3 standing and successful completion of Pharmacotherapy I and II for Pharmacotherapy III. P-3 standing and successful completion of Pharmacotherapy I, II, and III for Pharmacotherapy IV Integration of biomedical, clinical and pharmaceutical sciences in the formulation, application, and monitoring of therapeutic regimens for the treatment of diseases and disorders.

674 Pharmacotherapy II (7.5) Collier/Staff.

Prereq: P-2 standing and prerequisites given under PHPR 672. Continuation of PHPR 672

676 Pharmacotherapy III (8.5) Collier/Staff.

Prereq: P-3 standing and prerequisites given under PHPR 672. Continuation of PHPR 674.

678 Pharmacotherapy IV (8.5) Collier/Staff.

Prereq: P-3 standing and prerequisites given under PHPR 672. Continuation of PHPR 676.

Elective Courses

610 Point of Care Testing (1) Dering-Anderson.

Prereq: P-3 standing or permission.

620 Over the Counter (OTC) and Self Care Products (2) Dering-Anderson.

Prereq: P-3 standing.

621 Substance Abuse (2) Baldwin.

Prereq: None. Study of the biological and psycho-social aspects of substance abuse and chemical dependency disease, and the methods of drug abuse prevention, education, treatment and support.

623 Recovering from Addictions (1) Baldwin.

Prereq: PHPR 621. Guided experience in understanding the addiction and recovery process. Group meetings will be used to study the processes, to provide support, and assist with abstinence experiences.

645 Herbal and Micronutrient Therapies (2) McGuire.

Prereq: P-2 or P-3 standing. Study integrating the biomedical, clinical and pharmaceutical sciences in the formulation, application and monitoring of therapeutic regimens for the treatment of diseases using herbal and micronutrient therapies.

655 Advanced Drug Product Compounding (1) Staff.

Prereq: Completion of PHSC 570 and permission. Study of the techniques and procedures used in compounding sterile and non-sterile extemporaneous formulations of drug products and the quality assurance procedures used to ensure compliance with professional and regulatory guidelines.

657 Diabetes Mellitus Management (2) Cook/Downes.
Prereq: P-3 standing.

661 Community Health/Service Learning (1) Collier.
Prereq: P-3 standing.

697 Independent Study in Pharmacy Practice (1-3, max. 8) Staff.
Prereq: Permission. Independent study in a clinical science area involving either a literature or a clinically-oriented research project.

699 Undergraduate Research in Professional Practice (1-3, max. 8) Staff.
Prereq: Completion of maximum hours of PHPR 697 and permission. Continued independent study for students who have taken the maximum number of hours in 697 Independent Study.

P4 Advanced Pharmacy Practice Experiences (APPE) – **see page 12 for current listing**

Courses from Other UNMC Departments

Required Courses

Pathology and Medical Microbiology (PAMM)

509 Immunology (2) Singh. Lect 2.

Prereq: P-1 standing. Study of basic and clinical immunological principles.

550 Microbiology (3) Booth. Lect 3.

Prereq: P-1 standing. Study of basic principles of bacteriology, mycology, parasitology, and virology including the pathogenic properties and diseases of medically important species of bacteria, fungi, protozoa, helminths, and viruses.

690 Biology of Disease (5) Baker. Lect. 5.

Prereq: P-2 standing. Study of the biochemical, cellular, and physiologic changes occurring in human disease.

Department of Pharmacology (PHAR)

680 Pharmacology I (5) McMillan. Lect. 5.

Prereq: P-2 standing. Study of basic principles of drug action including primary pharmacologic actions, mechanisms of action, routes of administration, disposition, contraindications, adverse reactions, drug interactions, and drug-disease interactions.

682 Pharmacology II (4) McMillan. Lect. 4.

Prereq: PHAR 680. Continuation of PHAR 680.

College of Allied Health Professions

Clinical Laboratory Service (CLS)

552 Microbiology Laboratory (1) Donner. Lab 1.

Prereq: P-1 standing, concurrent enrollment in PAMM 550. Introduction to the theory, practical application and technical performance of clinical microbiological laboratory procedures.

Professional Electives in the Pharmacy Curriculum

The professional program of the College of Pharmacy prepares students as generalists for contemporary practice in a variety of pharmacy settings. The professional elective program is comprised of a minimum of 10 hours of primarily didactic professional and other approved elective courses which must be completed prior to entering the P-4 year.

At least seven of the ten must be completed per College of Pharmacy faculty elective courses or other UNMC programs. Three of the ten may be taken at other accredited educational institutions following approval by the Associate Dean for Student Affairs. The ten hours of professional or other approved electives must be completed by every student while enrolled in the professional program regardless of prior college background or experience. These courses cannot be transferred as credit hours earned prior to enrollment.

Tuition and Fees

Tuition and fees are subject to change without notice. The tuition rate does not vary with the number of credit hours taken by full-time students. In unusual circumstances, where a student is enrolled for fewer than 12 semester hours, tuition may be charged at an hourly rate.

2015-2016 Tuition and Fees

Application Fees

Resident	\$45.00
Non-Resident	\$45.00

Tuition P-1,2,3,4

Resident	\$9,324.37 per Semester
Non-Resident**	\$19,212.44 per Semester

** Non-Resident Tuition Scholarships that waive much of the difference between resident and nonresident tuition are available.

University Program Fees:

Student Health Insurance (Unless Waived)	\$904.74 per Semester
Health insurance for in-patient services is mandatory for full-time students and will be assessed on your tuition bill UNLESS a waiver form is completed showing a private plan. If you have any questions, please call 402-559-7276.	
Student Health Program	\$99.75 per Semester
Center for Healthy Living	\$62.50 per Semester
Late Registration	\$10.00
Late Fees – Tuition/Fees	\$100.00
COP Program Fee	\$125.00 per Semester
COP Technology Fee	\$100.00 per Semester

Course Fees:

First Semester, P1, Biology of Disease (PAMM 690)	\$45.00
Second Semester, P1, Biochemistry (BIOC 514)	\$46.00
Second Semester, P1, Microbiology (PAMM 550)	\$15.00
Second Semester, P1, Microbiology Lab (CLS 552)	\$20.00
Second Semester, P1, Immunology (PAMM 509)	\$15.00
First Semester, P2, Pharmacology (PHAR 680)	\$30.00
Second Semester, P2, Pharmacology (PHAR 682)	\$30.00

Miscellaneous Fees:

Library Fee	\$4.00 per credit hour
Transcript	\$5.00
Student Senate Fee	\$5.00 per Semester
Locker Rental	\$5.00 per year
Replacement of Photo-Identification Card	\$10.00
Pre-Enrollment Deposit	\$500.00

Financial Aid

The UNMC Office of Financial Aid administers a variety of financial aid programs. The UNMC Financial Aid website, <http://www.unmc.edu/financialaid/>, provides many answers about financing a UNMC education and is referenced in the admissions process for completion of appropriate paperwork. The College of Pharmacy administers a significant number of scholarships which are granted based upon academic performance, leadership, extracurricular involvement and/or a combination of these criteria.

UNO Tuition

Students enrolled full-time in the College of Pharmacy may take elective courses at UNO. Tuition for acceptable courses taken during the regular semesters will be paid by UNMC however fees must be paid by the student. Tuition for courses taken at UNO during the summer sessions, or tuition for activity courses in physical education, or any other courses not acceptable for elective credit in the Pharm.D. program, will be charged to the student.

Tuition Refunds

A student who withdraws from the University during any term is entitled to claim a refund of a portion of tuition paid. The University's current refund policy for fall and spring semesters is outlined in the UNMC Student Handbook under Tuition Refund Schedule (http://www.unmc.edu/studentservices/_documents/handbook.pdf).

UNMC College of Pharmacy Code of Professional Conduct

I. General Rights and Responsibilities

College of Pharmacy students are members of the University of Nebraska Medical Center (UNMC) academic community. As such, they have, along with all other members of the UNMC community, the responsibility to create and support a learning environment that will provide the best possible educational and professional outcomes. Each member of the community should be treated with dignity and respect. Each has the right to learn, and this right imposes a duty not to infringe on the rights of others. The College of Pharmacy faculty and administration are obligated to assure that the members of the community have the opportunities, protections, and privileges that will provide the best climate for learning.

II. Professional Conduct

In addition to being members of the UNMC academic community, College of Pharmacy students are also members of the professional community of pharmacy. As members of that community, it is important for students to build and reinforce a professional identity founded on the principles of integrity, ethical behavior, honesty, and fairness. Additional professional standards include appropriate dress and proper attention to personal hygiene. Adherence to these principles is vital to the assurance of the development of a professional relationship between the pharmacist and society. These principles must become part of a student's everyday life.

To accomplish the goals of professional development, students must:¹

DEVELOP a sense of loyalty and duty to the profession of pharmacy by contributing to the well-being of others and by enthusiastically accepting the responsibility and accountability for membership in the profession.

FOSTER professional competency through life-long learning, and strive for high ideals, teamwork, and unity within the profession in order to provide optimal patient care.

SUPPORT professional colleagues by actively encouraging personal commitment to the Oath of a Pharmacist and Code of Ethics for Pharmacists as set forth by the profession.

DEDICATE their lives and practice to excellence. This will require an ongoing reassessment of personal and professional values.

MAINTAIN the highest ideals and professional attributes to insure and facilitate the covenantal relationship required of the pharmaceutical care giver.

III. Professional Conduct in the Classroom

The maintenance of the classroom as a proper environment for teaching and learning is the responsibility of both the faculty and the students. Student behavior in the classroom is expected to adhere to professional standards and contribute in a positive way to the learning process. Behavior that may be interpreted by the faculty or other students as rude, disruptive, or that infringes on the rights of faculty or other students to effectively engage in the teaching/learning process will not be tolerated. At their discretion, faculty will take appropriate disciplinary action when such acts of inappropriate behavior are encountered.

IV. Professional Conduct in Other Instructional Settings

A major component of the College of Pharmacy curriculum involves experiential education in various practice settings or clerkship sites. Preceptors in those settings are appointed as full-time, courtesy, or adjunct faculty members of the College, and are members of the academic community. The clerkship site, then, is a classroom, and students are expected to adhere to the behavioral standards put forth in Section III. Attention to professional, ethical, legal, and hygienic standards is even more critical as students interact with patients, preceptors, and other health professionals. At their discretion, faculty will take appropriate disciplinary action when students do not adhere to these standards.

V. Professional Conduct and Academic Integrity

Maintaining academic integrity is a vital concern of the College of Pharmacy and the UNMC academic community at large. Without strict adherence to the standards of academic integrity, the teaching and learning environment loses validity. Honesty and integrity are a major part of the fabric of professional

and ethical standards. An individual claiming to follow professional and ethical codes of conduct would also be expected to adhere to the standards of academic integrity.

Academic dishonesty is described in the UNMC Student Handbook. It includes, but is not limited to, actions under the following categories:

A. Cheating — the use or attempted use of unauthorized materials or information for an examination, quiz, written assignment, or other academic exercise.

B. Academic Misconduct — the falsification of official documents and/or obtaining records, examinations or documents without authorization.

1. Fabrication — the making up of data or results and recording or reporting them.

2. Falsification – changing or omitting data or results such that performance is not accurately represented.

3. Plagiarism – the appropriation of another person’s words or ideas without including an appropriate citation.

VI. Professional Conduct and Substance Abuse

As future health care professionals, students enrolled in the College of Pharmacy have unique responsibilities regarding issues and matters pertaining to substance abuse. Therefore, they are expected to be familiar with the UNMC policies and standards of conduct concerning the physical, psychosocial, and legal consequences of substance abuse and chemical dependency as presented in the UNMC Student Handbook and the Substance Abuse or Dependency Standards of Conduct – Alcohol & Drugs. College of Pharmacy students who violate state or federal drug laws and/or abuse chemical substances will be subject to disciplinary action in accordance with the “Procedural Rules Relating to Student Discipline” in the UNMC Student Handbook. Students who are found to have problems associated with chemical dependency will be offered the opportunity for evaluation, treatment, and rehabilitation in accordance with the policies and procedures presented in the Nebraska Pharmacy Student Recovery Program.

VII. Professional Conduct and Other Unlawful Acts

As students preparing to enter the profession of pharmacy, professional conduct extends into all aspects of daily life. College of Pharmacy students convicted of violations of local, state, or federal laws or ordinances may be deemed in violation of this Code and subject to disciplinary action in accordance with the “Procedural Rules Relating to Student Discipline” in the UNMC Student Handbook.

VIII. Disciplinary Procedures

The “Procedural Rules Relating to Student Discipline” are contained in the UNMC Student Handbook. These procedural rules will be applied to all aspects of misconduct under this code whether involving general violations of professional conduct or specific violations of academic integrity. Disciplinary sanctions that may be administered under these rules are:

Written Reprimand

Grade Adjustment

Disciplinary Probation

Suspension

Expulsion

Misconduct away from campus, in settings not related to the University’s educational mission, that brings students under the sanctions of local judiciary systems or the Department of Health & Human Services will not generally be brought into a duplicative UNMC disciplinary process.

However, when the interests of the College of Pharmacy or the University of Nebraska Medical Center are involved, the authority of the University of Nebraska will be asserted. The fact that a violation occurs off campus does not preclude the interest and involvement of the University of Nebraska Medical Center or the College of Pharmacy.

¹Adapted from the “Pledge of Professionalism” adopted by the American Pharmacists Association Academy of Student Pharmacists/American Association of College of Pharmacy Council of Deans Task Force on Professionalism.

Policy Concerning Violations of Academic Integrity

Students enrolled in the College of Pharmacy who have been disciplined for violation of academic integrity, as described in the current edition of the UNMC Student Handbook, shall be ineligible for the granting or receipt of scholarships, awards, honors, and other special recognitions through the University of Nebraska, the University of Nebraska Medical Center, and/or the College. This ineligibility shall remain in effect throughout the student's tenure in the professional program.

To preserve student confidentiality, the following procedures will be followed prior to the consideration of students for scholarships and/or awards by the Scholarship, Honors and Financial Aid Committee, and other awards, honors, or other special recognitions by the Dean's Office. The Dean and the Associate Dean for Academic Affairs will have the responsibility for the removal of names of ineligible students from lists used by the Committee or the Dean's Office to select recipients of scholarships, awards, honors, or other special recognitions. In addition, communities, organizations, or other groups outside of the University seeking verification of academic standing for the purpose of offering a scholarship, award, or honor to a student, will be informed, when a situation exists pursuant to this policy, of the student's ineligibility.

(1) Scholarships: The list of students eligible for consideration for financial assistance compiled by the Director of the Office of Financial Aid in Student Services will be forwarded by the Director to the Dean of the College of Pharmacy for review. In accordance with this policy, the Dean and Associate Dean for Academic Affairs will remove the names of all students ineligible for scholarships prior to forwarding the list to the Committee.

(2) Awards: The list of students eligible for consideration for awards will be provided by the Dean to the Scholarship, Honors and Financial Aid Committee. In compiling this list, and in accordance with this policy, the Dean and Associate Dean for Academic Affairs will remove from pertinent class rosters the names of all students ineligible for consideration for awards.

(3) Honors: Lists of students under consideration for honors, e.g., The Dean's List, Graduation with Distinction or High Distinction, etc., shall be reviewed by the Dean and the Associate Dean for Academic Affairs. In accordance with this policy, the names of all students ineligible to receive such honors will be removed prior to announcement or publication in any College, or campus list, brochure, program, or compendium.

(4) Other Special Recognitions: Lists of students under consideration for special recognitions, e.g., Who's Who, The National Deans List, etc., shall be reviewed by the Dean and the Associate Dean for Academic Affairs. In accordance with this policy, the names of all students ineligible to receive such recognitions will be removed prior to announcement or publication in any College, campus, or National list, program, brochure, or compendium.

Grading Policy

The following quality points are given for courses completed:

A+ = 4.0	C+ = 2.33
A = 4.0	C = 2.0
A- = 3.67	C- = 1.67
B+ = 3.33	D+ = 1.33
B = 3.0	D = 1.0
B- = 2.67	D- = 0.67
	F = 0

Standards of Academic Performance Retention and Promotion Criteria

Students enrolled full-time in the professional program of the College of Pharmacy are expected to make satisfactory academic progress toward completion of the degree requirements. Satisfactory academic progress is defined as successful completion of the prescribed curriculum in the prescribed time, maintenance of a minimum of a 2.00 semester grade point average (SGPA), professional required course grade point average (PGPA) and accumulative grade point average (AGPA), and completion of any professional deficiencies and/or required remedial courses in the time and manner prescribed by the Faculty of the College of Pharmacy.

Students who fail to maintain satisfactory academic progress in the professional program are placed automatically on academic probation. Students on academic probation may be required to participate in academic counseling and/or to enroll in a remedial program of study, or they may be suspended or dismissed according to the policies described in subsequent sections. Such actions will be recommended by the Academic Performance and Standards Committee, subject to review by the Faculty. Notification of such actions will be made to the student by the Office of the Dean.

The actions taken in these matters are not to be viewed as punitive, but as a recognition that it is unrealistic for a student to continue in a course of study where there is little probability of success. These same Standards will be applied to students enrolled in an approved part-time course of study.

Academic Probation

Academic probation is the initial official action for a student failing to make satisfactory academic progress.

A student will be placed on academic probation for:

1. failure to maintain a minimum semester grade point average (SGPA) of 2.00;
2. failure to maintain a professional required course grade point average (PGPA) of 2.00;
3. failure to maintain an accumulative grade point average (AGPA) of 2.00;
4. a failing grade in a professional required course; and/or
5. unauthorized failure to complete any degree requirement at the prescribed time.

Depending on the nature of the academic deficiencies and the overall academic record, a student placed on academic probation may or may not be permitted to continue in the regular sequence of the professional curriculum. If a student fails a professional required course, the course must be repeated during the next term in which it is offered. Considerations related to course sequence issues are coordinated via the Academic Performance and Standards Committee.

A student placed on academic probation will normally be given one semester to correct any grade point deficiencies. The Academic Performance and Standards Committee will review the student's record at the end of the term of probation.

If the SGPA and PGPA for that term are 2.00 or above, and the AGPA is 2.00 or above, the student will be released from academic probation. If the SGPA and PGPA are 2.00 or above, but the AGPA remains below 2.00, the student will remain on academic probation. A student remaining on academic probation for more than two consecutive semesters will be subject to suspension or dismissal.

If a student fails to make satisfactory progress during the period of academic probation, and/or fails to correct academic deficiencies within the prescribed time, that student will be subject to automatic suspension and may be dismissed from the College of Pharmacy.

Academic Suspension

Academic suspension from the College of Pharmacy occurs when a student: has failed to make satisfactory progress during a period of academic probation; has academic deficiencies that preclude continuation in a normal program of study, but may be expected to be able to complete the requirements for the degree under a modified program of study with or without remedial courses; and/or has received a failing grade in any two professional required courses.

Suspensions are imposed for a specified period of time, not to exceed one year. A student on academic suspension will not be allowed to continue the normal course of study. The Academic Performance and Standards Committee will specify the length of time of the suspension, and remedial work required for reinstatement, and the program of study required upon reinstatement.

Academic Dismissal

Academic dismissal from the College of Pharmacy may be recommended to the Faculty by the Academic Performance and Standards Committee if a student: fails to make satisfactory progress during a period of academic probation, or suspension, and has academic deficiencies that preclude continuation in the prescribed program of study, and may not reasonably be expected to complete the requirements for the degree.

Except under very extenuating circumstances, academic dismissal will be recommended if a student: was previously suspended from the College, and again fails to make satisfactory academic progress; is on academic suspension under a remedial course of study and again fails to make satisfactory academic progress; fails a single professional required course more than one time, or accumulates more than two failures in professional required courses; and/or accumulates a grade point deficiency that reasonably precludes the possibility of completing the degree requirements.

Students are dismissed from the College by a majority vote of the Faculty. Students dismissed from the College may seek reentry by applying for readmission.

Appeals

At the end of each academic term, the Office of the Dean reviews the academic performance of all students enrolled in the College of Pharmacy, and evaluates each student's qualifications to be retained and/or promoted in the professional program. The Office of the Dean notifies each student placed on academic probation; and furthermore, makes notification of current academic deficiencies to the student and the Academic Performance and Standards Committee. Each student is also notified of any decision by the Academic Performance and Standards Committee to require a modified course of study, to suspend progress, or to dismiss the student from the College.

Any student in the College of Pharmacy has the opportunity to appeal any decision made by the Academic Performance and Standards Committee. Written confirmation of a student's intent to appeal must be received by the Office of the Dean within seven days of the student's receipt of notification of the decision.

Students desiring to appeal must appear in person before a meeting of the Academic Performance and Standards Committee of the College of Pharmacy. A written petition must be presented containing the specific variance requested, a description of any extenuating circumstances intended to justify granting the variance, and a proposed course of study and/or conditions for consideration should the variance be granted. The decision of the Academic Performance and Standards Committee may be further appealed to the Faculty of the College of Pharmacy. The decision of the Faculty of the College of Pharmacy is final.

Drop/Add Withdrawal

Fees may apply. Please contact Janet McLaughlin in Student Services at 402-559-4207 or jmclaugh@unmc.edu.

Faculty Policy on Repeating Courses and Change of Grade Repeating Courses

Students receiving a low or failing grade in a required or elective course in the College of Pharmacy may, of their own volition or upon direction of the Academic Performance and Standards Committee, repeat that course the next time it is offered in the schedule of course offerings. Required professional courses will not be offered on a conference basis. The student must register for any repeated course. The transcript will reflect such re-registration, and the second grade earned will be utilized in computing the GPAs.

Change of Grade

A course grade reported by the faculty may be changed. There are three situations that constitute legal reasons for changing a grade: (1) removal of an Incomplete (I) previously recorded; (2) instructor error, including errors in grading and computation of a grade; and (3) clerical error, including errors in recording one or more grades. It is not proper to offer a change of grade as a means of handling academic problems. Specifically, a student will not be allowed to repeat a portion of a course, and have that grade changed through filing a change of grade form. The above procedure for repeating courses will be followed for students receiving failing grades or needing to improve GPAs.

Pharmacist Internship Requirement

Registration with the State of Nebraska as a Pharmacist Intern is required before a student can participate in experiential training as part of the professional curriculum. Proof of valid Pharmacist Intern registration must be carried by the student during all experiential training.

Policies on Senior Clerkship Assignments

Fourth year pharmacy students must complete 40 weeks of required and elective clerkships as outlined in the current course of study and as scheduled by the Office of Experiential Programs. During the third year of the Program, in consultation with the student, the clerkship coordinator will develop a senior clerkship schedule for each student. In scheduling clerkships, efforts will be made to accommodate special student needs; however, the final decision resides with the Coordinator of Experiential Education. No scheduling exceptions will be made for housing considerations. Students are advised to maintain their campus/Omaha housing arrangements until their clerkship schedules have been finalized and approved by the clerkship coordinator.

Required Clerkships

Fourth year pharmacy students must complete certain required clerkships as outlined in the course of study. Required clerkships must be completed at College affiliated sites that are precepted by faculty who hold a full-time or adjunct appointment in the College of Pharmacy.

Elective Clerkships

Level I and Level II Clerkships may be used to meet elective clerkship requirements. In order to use a Level II clerkship to fulfill an elective requirement, all of the following prerequisites must be met: (1) completion of at least one Level I patient care clerkship; (2) approval of the Coordinator of Experiential Education; and (3) approval of the clerkship preceptor.

Elective clerkships should ideally be completed at College affiliated sites that also are precepted by faculty who hold a full-time or adjunct appointment in the College of Pharmacy. However, under special circumstances, and only with the approval of the Coordinator of Experiential Education, elective clerkships may be completed at a site that does not have a formal Affiliation Agreement with the College. Every effort will be made to accommodate students desiring to take a clerkship at non-College of Pharmacy affiliated sites and other special elective clerkships in the pharmaceutical industry, a national pharmacy organization or a governmental agency. The latter types of clerkships (e.g., pharmaceutical industry, national pharmacy organization) must be approved during the fall semester of the third year by the Coordinator of Experiential Education and the Curriculum Committee,

Rural Clerkship Requirement

All fourth year pharmacy students are expected to take at least one clerkship in rural Nebraska. A rural Nebraska site is considered to be a Level I or II community pharmacy, institutional pharmacy, or geriatric site located outside the Lincoln and Omaha metropolitan areas. Students claiming that this policy creates an insurmountable personal hardship may appeal their situation to the Dean or his/her designee. The decision of the Dean is final.

Clerkship Program for Rural Students

Students admitted to the College of Pharmacy through the rural early acceptance programs, i.e., Rural Health Opportunities Program (RHOP) and Rural Pharmacy Practice Educational Initiative (RPPEI), are required to complete a minimum of four clerkships in rural settings. A rural setting is considered to be a practice setting located outside the Lincoln and Omaha metropolitan areas. In fulfilling this requirement, students must complete one ambulatory care and one acute care clerkship in either Level I or II.

Basic Life Support (BLS) Certification:

Cardiopulmonary resuscitation skills (CPR) are considered a core competency for all health professionals. Students enrolled in the University of Nebraska College of Pharmacy professional program are expected to demonstrate competency in adult and child cardiopulmonary resuscitation/basic life support (CPR/BLS).

All pharmacy students must be certified in CPR/BLS – adult and child – by the end of the second semester of the first professional year. Only the American Heart Association (AHA) program is acceptable (see below). Evidence of such certification (i.e., a photocopy of the certification card) will be placed in the student's file in the Dean's Office and the Office of Experiential Programs. Students failing to be appropriately certified will not be allowed to complete registration for the next academic year (i.e., P2 year).

The CPR/BLS certification must be kept current while enrolled in the College of Pharmacy. Therefore, in most cases, students must renew their certification during the spring semester of their third professional year. This will ensure current certification during the final P4 clerkship year. Students failing to complete recertification at the appropriate time will not be allowed to begin fourth-year clerkships.

Students may accomplish this professional requirement by the following methods:

Completion of the "BLS for Healthcare Providers" course offered on campus by Clarkson College. Contact information, class schedule and cost information is available from the Office of Experiential Programs.

Completion of the American Heart Association (AHA) Basic Life Support (BLS) certification course for Healthcare Providers or more advanced AHA courses such as ACLS or PALS.

Dean's List

To recognize outstanding academic achievement, at the end of each Fall and Spring Semester, a Dean's List will be posted in the College of Pharmacy. This list will contain the names of those eligible students who are in the top twenty percent of their class and who have achieved a grade point average of 3.50 or higher for the preceding semester.

Degrees with Distinction

To become a candidate for the Pharm.D. degree with distinction, a student must be eligible, be in the top twenty percent (20%) of the graduating class, and meet one of the following criteria:

Highest Distinction: The student must have an accumulated grade point average of 4.0.

High Distinction: The student must have an accumulated grade point average of 3.80 or above.

Distinction: The student must have an accumulated grade point average of at least 3.50 but less than 3.80.

Other Programs

Honors Research Program

The Department of Pharmaceutical Sciences offers a student research opportunity entitled the Pharm.D. Honors Research Program. This program has been instituted for the purpose of encouraging pharmacy students to pursue research oriented careers. In addition to research related education during the fall and spring semesters, research conducted during the summer provides the student with the opportunity for uninterrupted study. Participation is through application to the Honors Research Program Committee. Information concerning the program may be obtained from the Department of Pharmaceutical Sciences Office.

Graduate Study Opportunities

Students who complete study toward the Doctor of Pharmacy degree, and have an interest in a research career, may consider entrance into the Graduate College. The Graduate College offers opportunities for studies at the master of science (M.S.) and doctor of philosophy (Ph.D.) levels in the Pharmaceutical Sciences Graduate Program (PSGP)

Students in the professional program who have baccalaureate degrees may wish to consider pursuit of a combined M.S./Pharm.D. degree. This program requires dual matriculation in the College of Pharmacy and the Graduate College.

The guidelines for the concurrent professional/graduate degree program are summarized as follows:

The candidate must have earned a bachelor's degree or its equivalent.

The candidate must be admitted in both the professional degree program and the Graduate College.

The student is required to pass all examinations (comprehensive and final) as specified by the PSGP procedural guidelines.

For the Master of Science degree, only Option I (with thesis) can be selected. Under this option a candidate must complete six graduate courses from the PSGP list of core courses. Didactic graduate courses are accepted in the elective portion of the professional program.

UNMC College of Pharmacy
Student Services

[Counseling Services](#)

Counseling is made available to students at the University of Nebraska Medical Center campus through the Student Counseling Center. Services are available on either a walk-in or appointment basis. All services are free of charge and strictly confidential. Services can be provided on an individual, couple, or group basis. Students can contact the Center by calling 402-559-7276.

[Financial Aid/Scholarships](#)

For information, see Student Handbook or contact the Office of Financial Aid at 402-559-8086.

[Housing](#)

UNMC owns houses and apartments on campus that are leased to full-time students on a first-come, first-served basis. All rental agreements are made through the Business Services Department, Rental Property Management. Leases are written for the academic year. For more information, contact Rental Property at 402-559-5201.

Services for Veterans

To be certified for VA benefits please contact Meghan Moore, Room 2080, Student Life Center, ext. 402-559-4199, each term.

<http://www.unmc.edu/student-services/admissions/contact.html>

Student Organizations

Academy of Managed Care Pharmacy – AMCP

The Academy of Managed Care Pharmacy is the national professional association of pharmacists and other health care practitioners who serve society by the application of sound medication management principles and strategies to improve health care for all. The role of the University of Nebraska Medical Center AMCP Student Chapter is to raise awareness of managed care pharmacy principles and practices and to promote connectivity with AMCP, managed care pharmacists, employers, learning opportunities and other student pharmacists.

Academy of Student Pharmacists – ASP

The Academy of Student of Pharmacy is the student chapter of the American Pharmacists Association. This national association was organized in 1852 and traditionally represents the broad interests of professionals in pharmacy. Membership in the chapter serves to identify students with their chosen profession and allows them to participate in a number of academic, professional and social activities. All students enrolled in the College of Pharmacy are encouraged to join the Academy.

Christian Pharmacists Fellowship International – CPF

The Christian Pharmacists Fellowship International is an interdenominational ministry made up of pharmacists, in all areas of pharmaceutical service and practice, throughout the world. This international organization promotes Christian fellowship among pharmacists while promoting spiritual growth. All interested students are encouraged to join.

Community Student Pharmacists Association - CSPA

CSPA is an organization that represents student pharmacists that want to explore the retail setting. We wish to make students aware of pharmacy practice in the community setting, including both independent and chain opportunities, provide information to students about career directions in and credentials needed for pharmacy practice in the community, and encourage membership and participation in the Nebraska Pharmacists Association (NPA) and the National Community Pharmacists Association (NCPA) as a student and upon graduation.

Kappa Epsilon Fraternity — Beta Chapter

Kappa Epsilon is a professional fraternity for students in pharmacy. The purpose of this organization is to promote an active interest in the advancement of women in the pharmacy profession and to provide an avenue for communication among those interested in the profession. Kappa Epsilon stresses high scholastic standards and offers a means of establishing lasting and loyal professional friendships.

Kappa Psi Pharmaceutical Fraternity — Gamma Epsilon Chapter

Kappa Psi is a professional fraternity for students in pharmacy. The purpose of this organization is for the mutual benefit of the members for the advancement of the profession of pharmacy, educationally, fraternally and socially; and to instill industry, sobriety, fellowship and high ideals in its members and to foster scholarship and pharmaceutical research.

Phi Lambda Sigma – Beta Xi Chapter

Phi Lambda Sigma is the national pharmacy leadership society. The overall mission of the Society is to foster and recognize leaders and support leadership commitment. Students in their second through fourth years of training are eligible for membership. The membership is selected from 10% of the second professional year students and up to 5% of the third and fourth professional year students. Activities of the Society include: fund-raising, community service, leadership training programs, and other chapter development projects.

Rho Chi Pharmacy Honor Society — Alpha Epsilon Chapter

The Rho Chi Society is the national pharmacy honor society. Rho Chi recognizes superior academic achievement and promotes scholarly fellowship in pharmacy. Students qualify for election and invitation to membership in Rho Chi based primarily on their cumulative grade point average and academic

standing in the upper 20% of their class. An annual initiation banquet and participation in professional programs to raise funds for an annual scholarship award comprise the major activities of Rho Chi.

Rural Pharmacy Student Association — RPSA

The Rural Pharmacy Student Association is an organization for students admitted through the Rural Health Opportunities Program (RHOP), the Rural Pharmacy Practice Educational Initiative (RPPEI), and all other pharmacy students interested in rural pharmacy practice. The Association promotes the preparation and training of students for the practice of pharmacy in rural Nebraska. Membership in the Association serves to identify students with an interest in rural practice, and allows them to participate in a number of professional development and social activities.

Student Society of Health-System Pharmacy – SSHP

SSHP is a national professional association that represents student pharmacists who aspire to practice in hospitals, health maintenance organizations, long-term care facilities, home care, and other components of health care systems. The American Society of Health-System Pharmacists, the parent organization, has a long history of medication-error prevention efforts and is the national accrediting organization for pharmacy residency and pharmacy technician training programs.

The Bylaws of the Board of Regents protect the rights of each member of the University community. Each student has the right to be treated with respect and dignity, and each has the right to learn. With these rights comes the responsibility of each student to maintain an atmosphere in which others may exercise their human rights and their right to learn. Chapter V of the Bylaws fully delineates the rights and responsibilities of students.

Access to Student Records

In accordance with Federal law established in 1974 by the Family Educational Rights and Privacy Act, the University of Nebraska Medical Center maintains the confidentiality of student records and allows students to inspect and review information in their educational records at the Medical Center. The UNMC policy statement concerning student records may be found in the current UNMC Student Handbook or in the Office of Student Services.

General Procedures for Appeals of Academic Evaluations

In accordance with Section 5.3 of the Bylaws of the Board of Regents, the University of Nebraska Medical Center has established a grade appeal procedure that students should follow if they believe their academic progress has been evaluated unfairly. A summary of this procedure may be found in the UNMC Student Handbook.

Before initiating a formal appeal, students should first attempt to resolve the matter with the instructor involved through an informal discussion. If a satisfactory agreement cannot be made, students should appeal orally, or in writing, to the Chairperson of the department that granted admission to the course. If the problem cannot be resolved on the departmental level, then a formal appeal should be made in writing to the Chairperson of the Grade Appeals Committee of the College of Pharmacy. All of these procedures should be followed as quickly as possible since the Committee Chairperson must receive the appeal no later than two weeks after the reporting or posting of the grade.

Standards of Student Academic Performance

Students enrolled in degree programs at the University of Nebraska Medical Center are expected to make satisfactory academic progress toward the completion of their degree requirements. The colleges/programs of the Medical Center set their own academic standards governing satisfactory academic progress including probation, suspension or dismissal for failure to attain such standards. These standards are to be in accordance with the standards set by the accrediting agencies for each college/program.

Academic Integrity and Professional Conduct

Freedom to learn depends upon appropriate opportunities and conditions in the classroom, laboratory, on campus and in clinical settings. Faculty, staff, students and visitors respect the conditions conducive to such freedom by conducting themselves in a responsible manner, abiding by the laws of the State of Nebraska and adhering to the rules and regulations set forth by the Regents of the University of Nebraska. The University may take independent disciplinary action on those who violate criminal and civil law as noted in the University of Nebraska Regents Bylaws paragraph 5.5 Accordingly, the University of Nebraska Medical Center has developed the following general guidelines pertaining to academic integrity and personal conduct which provide and safeguard the right of individuals to exercise fully their freedom to pursue academic goals without undue interference from others.

Minimum Standards of Academic Integrity

In order to assure an understanding between students, faculty and staff concerning what types of activity constitute violations of academic integrity, several definitions and examples follow. These examples are not intended to be all inclusive and other actions not listed here may be considered violations. Instructors, academic departments and colleges will also impose specific standards of conduct which may be more rigorous than the minimum standards cited here. Students are obligated to follow these guidelines and to ask instructors for guidance in special circumstances.

Cheating

A general definition of cheating is the use or attempted use of unauthorized materials or information for an academic exercise.

Examples of cheating include:

- using unauthorized materials such as books, notes, calculators or other aids during an examination or other academic exercises;
- receiving unauthorized assistance from another person during an exam or exercise such as copying answers, receiving answer signals, conversation or having another person take an examination for you;
- providing assistance to another person during an exam or exercise, such as allowing your answers to be copied, signaling answers or taking an exam for someone else;
- obtaining answers and/or other information without authorization from someone who has previously taken an examination;
- including all or a portion of previous work for another assignment without authorization.

Academic Misconduct

Academic misconduct is defined as the falsification of official documents and/or obtaining records, examinations or documents without authorization. Several examples of academic misconduct are:

- the unauthorized acquisition of all or part of an unadministered test;
- selling or otherwise distributing all or part of an unadministered test;
- changing an answer or grade on an examination without authorization;
- falsification of information on an official university document such as a grade report, transcript, an instructor's grade book or evaluation file or being an accessory to an act of such falsification;
- forging the signature of an authorizing official on documents such as letters of permission, petitions, drop/add, transcripts, and/or other official documents;
- unauthorized entry into a building, office, file or computer data base to view, alter or acquire documents.

Research Misconduct

Research misconduct has been defined by the Federal DHHS Office of Research Integrity (ORI) and UNMC subscribes to this definition: “Research misconduct is defined as fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results.” Research misconduct does not include honest error or differences of opinion. It is important that every student understand the meaning of fabrication, falsification, and plagiarism.

Fabrication is making up data or results and recording or reporting them. Some examples are: indicating a laboratory experiment had been repeated numerous times or done in a controlled environment when it had not, thus leading to an invented or uncorroborated conclusion.

Falsification is manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research or academic performance is not accurately represented in the research or academic records. Some examples are:

altering an original source document, misquoting or misrepresenting a source to support a point of view or hypothesis;

changing and resubmitting academic work returned by an instructor, such as an examination, research paper or other types of assignments without first notifying the instructor.

Plagiarism is the appropriation of another person's ideas, processes, results, or words without giving appropriate credit, i.e. an appropriate attribution or citation. Some examples are:

In the methods section of a thesis, a graduate student describes a procedure used in research for the thesis. The procedure was developed by a fellow graduate student in the laboratory of their major professor; however, neither the student who developed this procedure nor the major professor was given credit in the thesis. This implies that the author of the thesis had himself developed the procedure.

In the background section of a thesis, a graduate student quotes verbatim the results of a previous investigator's work but fails to credit the individual through citation. The work is recent and thus cannot be considered common knowledge.

A violation of the standards of academic integrity is viewed as a very serious matter at UNMC. Such a violation will, in most cases, lead to disciplinary action. Students who wish to appeal charges of violations of academic integrity and/ or proposed disciplinary action may do so under the provisions of Section 5.4 of the Bylaws of the Board of Regents (see page 94 of the UNMC Student Handbook).

General Procedures for Student Discipline Actions

In accordance with Section 5.4 of the Bylaws of the Board of Regents and in order to insure the protection of the students' rights, the University of Nebraska Medical Center has established general procedures that must be followed if any disciplinary action is proposed against students. Students will be informed in writing by the Dean's Office of the specific charges, the supporting evidence, and the proposed disciplinary action. The Office of the Dean will also inform students of their right to appeal. The UNMC “Procedural Rules Relating to Student Discipline” may be found in the UNMC Student Handbook. The Faculty of the College of Pharmacy reserves the right to dismiss at any time a student whose conduct (e.g., cheating, plagiarism) makes it inadvisable to retain the student in the program.

Administration

Courtney V. Fletcher, Pharm.D., Dean
Christopher L. Shaffer, Pharm.D., Associate Dean for Student Affairs
Gary Yee, Pharm.D., Associate Dean for Academic Affairs
Ram Mahato, Ph.D., Chairperson, Department of Pharmaceutical Sciences
Charles Krobot, Pharm.D., Interim Chairperson, Department of Pharmacy Practice
James Gamerl, MBA, Director for Administration, Finance and Staff

Department of Pharmaceutical Sciences

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Conda-Sheridan, Martin, B.S. 2005 Brigham Young University, M.S. 2007 University of Utah, Ph.D. 2012 Purdue University. Assistant Professor.

Dong, Yuxiang, B.S. 1985 Nanjing Normal University, China, M.S. 1988 Shanghai University, China, 1996 Ph.D. University of Karlsruhe, Germany. Research Associate Professor.

Garrison, Jered C., B.S. 2000 Miami University, Ph.D. 2005 The University of Akron. Assistant Professor.

Kador, Peter F., B.A. 1972 Capital University, Ph.D. 1976 Ohio State University. Professor.

Li, Rongshi, B.S. 1982 Shenyang Pharmaceutical University, M.S. 1986 Shenyang Pharmaceutical University, Ph.D. 1993 Dalhousie University. Professor

Luca, Sorin, B.Sc. 1999 University of Bucharest, Romania, Ph.D. 2003 Max Planck Institute of Biophysical Chemistry, Bottingen, Germany. Assistant Professor.

Lyubchenko, Yuri L, M.S. 1968, Ph.D. 1971 Moscow Institute of Physics and Technology, Russia, D.Sc. 1989 Institute of Molecular Genetics Russian Academy of Sciences, Russia. Professor.

Mahato, Ram, B.S. 1989 China Pharmaceutical University, Ph.D. 1992 University of Strathclyde. Professor and Chairperson.

Marky, Luis A., B.S. 1972 Cayetano Heredia University, Peru, M.S. 1974, Ph.D. 1981 Rutgers University. Professor.

Mohs, Aaron, B.A. 2002 St. John's University/College of St. Benedict, Ph.D. 2006 University of Utah. Assistant Professor.

Oupicky, David, M.Sc. 1993 Institute of Chemical Technology, Ph.D. 1999 Academy of Sciences of the Czech Republic. Professor.

Sanderson, Sam, B.S. 1977 University of Utah, M.S. 1980 Ohio State University, Ph.D. 1985 Ohio State University. Research Associate Professor

Shlyakhtenko, Lyudmila, M.S. 1971 Ph.D. 1974 Moscow Institute of Physics and Technology, Russia. Research Associate Professor.

Vennerstrom, Jonathan L., B.S. 1979, Ph.D. 1985 University of Minnesota. Professor and Interim Chair.

Vetro, Joseph A, B.A. 1996 University of Nebraska at Omaha, Ph.D. 2001 Saint Louis University Health Sciences Center. Assistant Professor.

Vinogradov, Serguei V., M.Sc. 1973, Ph.D. 1979 Moscow State University, Russia. Research Professor.

Wang, Dong, B.S. 1991, M.S. 1994 Harbin Institute of Technology, China, Ph.D. 1998 Peking University, China. Professor.

Wang, Xiaofang, B.Sc. 1995 Peking University Health Science Center, Ph.D. 2000 Peking Union Medical College. Research Assistant Professor.

Department of Pharmacy Practice

Baldwin, Jeffrey N., B.S. 1970 State University of New York at Buffalo, Pharm.D. 1973 University of Kentucky. Professor.

Cochran, Gary L., B.S. 1991, Pharm.D. 1997 University of Nebraska. Assistant Professor.

Collier, Dean S., B.S. 1987, Pharm.D. 1991 University of Iowa. Associate Professor.

Cook, Kristen, Pharm.D. 2005 UNMC College of Pharmacy. Assistant Professor.

Dering-Anderson, Allison, B.A. 1983 Doane College, Pharm.D. 1986 UNMC College of Pharmacy. Clinical Assistant Professor.

Dobesh, Paul P., B.S. 1994 Pharm.D. 1996 South Dakota State University, South Dakota. Professor.

Downes, Jessica, Pharm.D. 2012 University of Kansas. Clinical Assistant Professor.

Fletcher, Courtney, B.S. 1978 University of Wyoming, 1982 Pharm.D. University of Minnesota. Professor and Dean.

Hickman, Jennifer, 2001, Pharm.D., University of Nebraska, Clinical Assistant Professor.

Klepser, Donald G., B.A. 1993 University of Michigan, MBA 1997 University of Minnesota, Ph.D. 2005 University of Iowa. Associate Professor.

Krobot, Charles H., B.S. 1969, Pharm.D. 1984 University of Nebraska. Interim Chair and Assistant Professor.

McGuire, Timothy R., B.S. 1984 University of Washington, Pharm.D. 1986 Philadelphia College of Pharmacy and Science. Associate Professor.

Murry, DJ, B.S. 1987, University of Iowa, 1991 Pharm.D. University of Iowa, Associate Professor

Podany, Anthony, B.S. 2004 Nebraska Wesleyan, Pharm.D. 2012, UNMC College of Pharmacy. Assistant Professor.

Powell, Michael F., B.S. 1974 Ohio State University M.S. 1976 University of Maryland. Associate Professor and Associate Dean for Hospital Affairs.

Ridgway, John E., B.S. 1971 University of Nebraska. Instructor. Director of Experiential Programs.

Scarsi, Kimberly, Pharm.D. 1999 Drake University, M.S. 2007 Northwestern University. Associate Professor.

Shaffer, Christopher, Pharm.D. 1993 Creighton University. Assistant Professor and Associate Dean for Student Affairs.

Sobeski, Linda, M., Pharm.D. 1992 University of Nebraska. Assistant Professor.

Yee, Gary C., B.S. 1977 University of Washington, Pharm.D. 1979 Philadelphia College of Pharmacy and Science. Professor and Associate Dean for Academic Affairs.

Clinical Assistant Professors

Chang, Lily, Pharm.D.

Angela Hawkins, Pharm.D.

Keck, Megan, Pharm.D.

Liewer, Susanne, Pharm.D.

Peitz, Gregory, Pharm.D.

Kiri Rolek, Pharm.D.

Trevarrow, Brian, Pharm.D.

Mary Vacha, Pharm.D.

Sara Varnado, Pharm.D.